

Converting Colors

XYZ(23.3845, 16.8416, 10.1624)

Have a look what the booklet for
XYZ(23.3845, 16.8416, 10.1624)
contains.

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Color

**XYZ(23.4795, 16.8638,
10.2011)**

Conversions

Conversions Part 1

Format	Color
Hex	B35653
RGB	179, 86, 83
RGB Percent	70%, 34%, 33%
CMY	0.2980, 0.6627, 0.6745
CMYK	0.00, 0.52, 0.54, 0.30
HSL	2°, 39%, 51%
HSV	2°, 54%, 70%
XYZ	23.4795, 16.8638, 10.2011
YIQ	113.4650, 56.3910, 18.7830

Conversions

Conversions Part 2

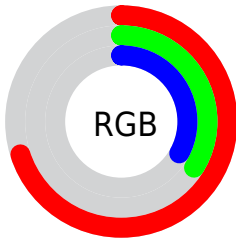
Format	Color
RYB	179, 86, 83
Decimal	11753043
CIELab	48.09, 37.49, 19.66
CIElCh	48, 42.330, 27.675
Yxy	16.8638, 0.4645, 0.3336
Android (android.graphics.Color)	4289943123 (0xFFB35653)
YUV	113.4650, -15.0192, 57.4742
Hunter-Lab	41.0656, 30.1938, 14.0177

Details

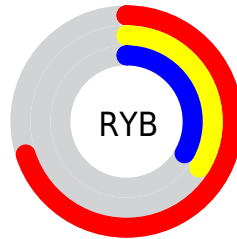
The XYZ color **23.4795, 16.8638, 10.2011** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.2282, 36.1422, 48.1887**, and the grayscale version is **15.8664, 16.6927, 18.1783**.

A 20% lighter version of the original color is **48.5132, 38.0200, 26.6115**, and **9.0068, 5.5393, 2.4282** is the 20% darker color. If you saturate the color by 10%, you get **21.6550, 14.1818, 6.6123**, and if you desaturate by 10%, it is **25.8191, 20.2906, 14.8420**.

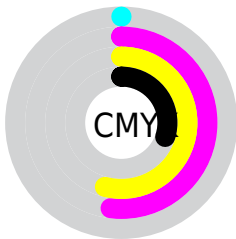
Distribution



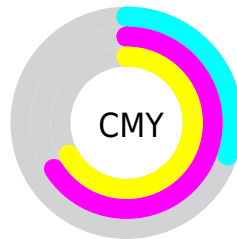
- Red (70%)
- Green (34%)
- Blue (33%)



- Red (70%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (52%)
- Yellow (54%)
- Black (30%)





- Cyan (30%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4795, 16.8638, 10.2011 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 23.4795, 16.8638, 10.2011 by changing the saturation by 10% instead.


 23.4795, 16.8638,
10.2011


 23.4795, 16.8638,
10.2011


262.6679,
234.3863, 202.6381


 15.0706, 10.1374,
5.4252


 48.6404, 38.0915,
26.7868


 8.9556, 5.4902,
2.4357


 66.1230, 53.3615,
39.4336

 4.7691, 2.5376,
0.8058

 87.3610, 72.2483,
55.5411

 2.1458, 0.8954,
0.0000

 112.7197, 95.1361,
75.5278

 0.7139, 0.0000,
0.0000

 142.5643,
122.4095, 99.8124

 0.0000, 0.0000,
0.0000

177.2603,

154.4527, 128.8132

217.1731,
191.6501, 162.9490

■ 23.4795, 16.8638,
10.2011

■ 23.4795, 16.8638,
10.2011

■ 21.6550, 14.1818,
6.6123

■ 25.8191, 20.2906,
14.8420

■ 20.3056, 12.1868,
3.9927

■ 28.7073, 24.5091,
20.6077

■ 19.3875, 10.8172,
2.2481

■ 32.1762, 29.5652,
27.5652

■ 18.8481, 9.9988,
1.2655

■ 36.2552, 35.5009,
35.7762

■ 18.6511, 9.7053,
0.8903

■ 40.9717, 42.3551,
45.2981

■ 46.3513, 50.1646,
56.1847

■ 52.4182, 58.9640,
68.4868

■ 59.1956, 68.7862,
82.2528

■ 66.7053, 79.6627,
97.5284

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.5756, 16.8638, 19.2312



23.4795, 16.8638, 10.2011



20.3002, 16.8638, 5.6793

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.4795, 16.8638, 10.2011



10.5735, 16.8638, 9.2315



15.7315, 16.8638, 48.5474

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



23.4795, 16.8638, 10.2011



27.2282, 36.1422, 48.1887

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.4025, 16.8638, 42.5895



23.4795, 16.8638, 10.2011



9.7359, 16.8638, 17.5190

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



23.4795, 16.8638, 10.2011



12.8440, 16.8638, 5.2967



10.3486, 16.8638, 30.0103



19.7002, 16.8638, 44.1072

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



23.4795, 16.8638, 10.2011



17.6534, 16.8638, 4.4989



10.3486, 16.8638, 30.0103



14.5066, 16.8638, 47.6562

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



23.4799, 16.8647, 10.2014



62.8954, 60.6187, 59.9692



29.6593, 18.9605, 43.9007



13.5992, 12.9422, 12.6109



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.4799, 16.8647, 10.2014



38.3822, 24.8073, 11.0583



28.4845, 26.8739, 11.8696



8.5170, 8.5465, 8.8533



13.1889, 6.8763, 0.6321



0.4220, 0.2304, 0.0222

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.2282, 36.1422, 48.1887



45.7664, 62.8503, 86.1004



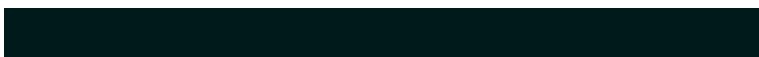
19.6070, 20.8998, 45.6483



8.7194, 9.5850, 10.8969



16.3727, 23.5458, 33.8189



0.5222, 0.7549, 1.0664

Previews

White Background



This preview shows how the XYZ color 23.4795, 16.8638, 10.2011 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.4795, 16.8638, 10.2011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4795, 16.8638, 10.2011

Background



This preview shows how black text looks on a background with the XYZ color 23.4795, 16.8638, 10.2011.



This preview shows how white text looks on a background with the XYZ color 23.4795, 16.8638,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

23.4795, 16.8638, 10.2011

Protanopia

16.0138, 16.9441, 13.4929

Deuteranopia

17.3037, 17.0347, 9.7732



Tritanopia

23.9592, 16.9556, 11.9075

Trichromacy



Original Color

23.4795, 16.8638, 10.2011

Protanomaly

17.9940, 16.4067, 12.1160

Deuteranomaly

19.0505, 16.5619, 9.7821

Tritanomaly

23.8323, 16.9049, 11.2394

Monochromacy



Original Color

23.4795, 16.8638, 10.2011

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.5650, 15.9782, 14.7287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4795, 16.8638, 10.2011 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 86, 83)` looks like.

```
.text, #text, p{  
    color:rgb(179, 86, 83)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 86, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 86, 83) }
```

Border

The CSS property to change the border of an element to XYZ 23.4795, 16.8638, 10.2011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 86, 83) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(179, 86, 83) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(179, 86, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 86, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 86, 83);  
box-shadow:4px 4px 4px 4px rgb(179, 86,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4795, 16.8638, 10.2011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 86, 83) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179, 86,  
83) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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